Answer Sheet For Sea Turtle Worksheet

Note: Numerical answers will vary depending on measuring technique used.

1. What were the latitude and longitude where the turtle nested on July 27, 1990?
__34.5N - 77W__
Mark and circle the point where the latitude and longitude meet on the Turtle Tracking Chart.

2. Find the turtle's latitude and longitude on 8-2-90. Circle this point on your chart. How many miles did the turtle travel from its last known point? (Assume the turtle swam in a straight line.)
__150 nautical miles, 278 kilometers__

3. What city is just west of the turtle's location on 8-2-90? *__Charleston, SC__*

4. Find the turtle's latitude and longitude on 8-4-90. Circle this point on your chart. How many miles did the turtle travel from its last known point?
__100 nautical miles, 185 kilometers__

5. What is the name of the island that is <u>east</u> of the turtle's location on 8-4-90? *__Bermuda__*

6. Find the turtle's latitude and longitude on 8-17-90. Circle this point on your chart. How many miles did the turtle travel from its last known point?
__200 nautical miles, 370 kilometers__

7. Find the turtle's latitude and longitude on 8-27-90. Circle this point on your chart. How far did the turtle travel from its last known point? *__350 nautical miles, 648 kilometers__*

8. What is the name of the islands that are west of the turtle's location on 8-27-90? *__Bahama Islands__*

9. Find the turtle's latitude and longitude on 9-6-90. Circle this point on your chart. How far did the turtle travel from its last known point? *__650 nautical miles or 1,203 kilometers__*

10. What is the name of the city in Puerto Rico that is just south of the turtle's location on 9-6-90? *__San Juan__*

11. How many miles did the turtle travel from the time it was tagged to the last known location on 9-6-90?
__1,450 nautical miles or 2,683 kilometers__

12. How many miles per day did the turtle travel from the time it was tagged to 9-6-90? *__35 nautical miles/day (1,450 nautical miles in 41 days)__*